| Electronic Acknowledgement Receipt       |   |  |  |  |  |  |
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| EFS ID:                                  | 10786455  |  |  |  |  |  |
| Application Number:                      | 10673467  |  |  |  |  |  |
| International Application Number:        |   |  |  |  |  |  |
| Confirmation Number:                     | 2006  |  |  |  |  |  |
| Title of Invention:                      | SYSTEM AND METHOD FOR USING FIRST-PRINCIPLES SIMULATION TO CONTROL A SEMICONDUCTOR MANUFACTURING PROCESS VIA A SIMULATION RESULT OR A DERIVED EMPIRICAL MODEL |  |  |  |  |  |
| First Named Inventor/Applicant Name:     | Eric J. Strang  |  |  |  |  |  |
| Customer Number:                         | 22850   |  |  |  |  |  |
| Filer:                                   | Marvin Jay Spivak/Kimberly Pitts  |  |  |  |  |  |
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| Application Type:                        | Utility under 35 USC 111(a)   |  |  |  |  |  |
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| Non Patent L | erature   | 3   |  | 5   |   |  |  |
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## Warnings:

| Information: |                      |              |   |    |   |
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| 2            | Fee Worksheet (SB06) | fee-info.pdf | 30601<br>S644ff3b16aa0b664f7c76d1216950k2a2<br>disk | no | 2 |
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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.